

Product datasheet for **MC216797**

Gabra3 (NM_008067) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gabra3 (NM_008067) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gabra3
Synonyms:	Gabra-3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216797 representing NM_008067
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATAATCACACAAATGTGGCACTTTTATGTGACCAGAGTTGTACTTCTCTCCTGATTAGTATTCTCC
 CTGGAACCACTAGCCAAGGGGAATCAAGACGACAAGAACCCTGGGACTTTGTGAAACAAGATATTGGAGG
 ACTCTCTCCCAAGCATGCCCCAGATATTCTGACGATAGTACAGATAATATCACTATCTTCACTAGAATC
 TTGGATCGGCTTTTGGATGGCTATGATAACCGGCTTCGACCTGGACTTGGAGATGCAGTACTGAAGTGA
 AGACAGACATCTATGTGACCAGTTTGGCCCTGTGTCAGACACTGATATGGAATATACTATTGATGTATT
 TTTTAGACAGACATGGCATGATGAAAGACTGAAATTTGATGGACCAATGAAGATCCTTCCACTGAACAAT
 CTTCTGGTAGTAAGATATGGACTCCTGATACCTTCTCCACAATGGTAAAAATCAGTGGCTCACAAAT
 TGACCACACCAACAAGCTGCTCAGACTGGTAGATAATGGACCCTCCTCTATACAATGAGGTTAACAAAT
 ACACGCTGAATGCCCCATGCATTTGGAAGATTTCCCATGGATGTGCATGCCTGCCACTGAAGTTTGGG
 AGCTATGCCTATACCAAAGCTGAAGTAATTTATTCTTGGACTCTTGGGAAGAACAATCTGTGGAAGTAG
 CACAGGATGGCTCACGCCTGAATCAGTATGACTTGCTTGCCATGTTGTTGGGACAGAGATAATCCGGTC
 TAGTACAGGAGAAATATGTCGTCATGACAACCCACTTTCATCTGAAGAGAAAAATTGGCTACTTTGTCATC
 CAGACCTACTTGGCATGTATCATGACTGTCATTCTGTCAAGTGTCTTTCTGGCTTAATAGAGAATCTG
 TCCCTGCCCGCACAGTCTTTGGTGTCAACACTGTTCTCACCATGACCACCTTGAGTATCAGTGCCAGAAA
 CTCTTTACCTAAAGTGGCATACGCGACGGCCATGGACTGGTTCATAGCCGTCTGTTATGCCTTTGTATTT
 TCTGCACTGATTGAATTTGCTACTGTCACTACTTCACCAAGCGAGTTGGCTTGGGAAGGCAAGAAGG
 TACCAGAGGCCCTGGAGATGAAGAAGAAAAACACCAGCTCCAACAAAGAAAAACACCACCTTCAACAT
 AGTGGGTACCACCTATCCTATCAATCTGGCCAAGGATACAGTGTCTCCACCATCTCCAAGTCTGCTGCT
 GCTCCAGTGCTTCTTCAACTCCAACAGCGATTGCTTCAACCAAGGCTACTTATGTGCAAGACAGTCTG
 CTGAGACCAAGACCTACAACAGTGTGCAAGGTTGACAAAATTTCCCGCATCATCTTCCCTGTGCTCTT
 TGCCATATTCAATCTTGTCTATTGGGCTACATATGTGAACCGGGAATCAGCTATCAAGGGCATGATCCGC
 AACAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_008067
Insert Size: 1479 bp
OTI Disclaimer:

Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_008067.4 , NP_032093.3
RefSeq Size:	3727 bp
RefSeq ORF:	1479 bp
Locus ID:	14396
UniProt ID:	P26049
Cytogenetics:	X 37.24 cM
Gene Summary:	GABA, the major inhibitory neurotransmitter in the vertebrate brain, mediates neuronal inhibition by binding to the GABA/benzodiazepine receptor and opening an integral chloride channel.[UniProtKB/Swiss-Prot Function]